

Supplemental Examples in Support of the LSR Mixed-Case ASCII Text Product Conversion

The NWS will implement a mixed-case Text/95 ASCII character set and new or modified event sources and types in the Preliminary Local Storm Report (LSR) product in mid November 2022. The following examples are for demonstration purposes only, utilizing modifications from past reports to show the new formatting for various individual reports and summary reports.

Only some examples will contain the full product headers and footers, while others will only show the body of the product text.

Legend for the 'magnitude' field (e.g.MAG....) for pertinent entries:

E = Estimated (e.g. E1.75 inch; E65 mph)

M = Measured (e.g. M1.75 inch; M74 mph)

U = Unknown

1. Preliminary Local Storm Report for Tornado Damage Survey Results

NWUS53 KICT 270002
LSRICT

Preliminary Local Storm Report
National Weather Service Wichita, KS
702 PM CDT Sat May 26 2012

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		

0945 PM	Tornado	Russell	38.89N 98.85W
05/25/2012		Russell	KS Trained Spotter

*** 1 INJ *** Trained spotter reported damage from the rope tornado which destroyed one modular home on the south side of Russell. The occupant had a few cuts and was later transported to the hospital for a broken collar bone. Houses on either side of the home received minor damage.

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2. Other preliminary Local Storm Report (LSR) examples

a. Thunderstorm Wind Damage

Example 1

NWUS51 KRNK 290104
LSRRNK

Preliminary Local Storm Report
National Weather Service Blacksburg, VA
904 PM EDT Wed Sep 28 2016

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0453 PM 09/28/2016	Tstm Wnd Dmg	3 NE Vinton Roanoke VA	37.30N 79.85W Public
Large limbs down. Estimated 60 mph winds.			

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Example 2

0614 PM 09/28/2016	Tstm Wnd Dmg	3 N Boonsboro Bedford VA	37.49N 79.26W Broadcast Media
Numerous trees down on Holcomb Rock Road.			

Example 3:

0454 PM 09/27/2016	Tstm Wnd Dmg	4 E Thicketty Cherokee SC	35.02N 81.65W County Official
County official reported 1 tree down on Owens Ln south of Gaffney, SC.			

b. Measured Thunderstorm Wind Gust

Example 1:

NWUS54 KOUN 140000
LSROUN

Preliminary Local Storm Report
National Weather Service Norman, OK
700 PM CDT Fri May 13 2016

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			

0655 PM	Tstm Wnd Gst	Braman	36.92N 97.33W
05/13/2016	M62 mph	Kay	OK Emergency Mngr

Measured with hand held instrument

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Example 2:

0735 PM	Tstm Wnd Gst	1 NE Wahoo	41.23N 96.61W
05/27/2012	M58 mph	Saunders	NE AWOS

c. Hail

0457 PM	Hail	5 S Winside	42.11N 97.17W
05/27/2012	E1.75 inch	Wayne	NE Co-op Observer

d. Tornado

0506 PM	Tornado	8 SE Elgin	41.90N 97.97W
05/27/2012		Boone	NE Law Enforcement

The tornado was 6 miles east and 5 miles south of Elgin

e. Flash Flood

1001 PM	Flash Flood	1 N Columbus	41.45N 97.36W
05/27/2012		Platte	NE Trained Spotter

Water was 2 to 3 feet deep in parts of North Columbus.
Three cars stalled.

f. Flood

0542 PM	Flood	1 E Elgin	41.98N 98.06W
05/27/2012		Antelope	NE Emergency Mngr

Water was over a rural road, washing over a bridge.

g. Waterspout

NWUS53 KIWX 281235
LSRIWX

Preliminary Local Storm Report
National Weather Service Northern Indiana
835 AM EDT Wed Sep 28 2016

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0827 AM 09/28/2016	Waterspout	12 WNW Shoreham LMZ080	42.11N 86.73W MI Trained Spotter

Waterspout observed offshore from St Joseph, MI. Lasted
a few minutes.

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h. Rain

1036 AM 06/27/2022	Rain M1.07 inch	1 N Knight Point State Grand Isle	44.78N 73.29W VT Trained Spotter
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i. Snow

0700 AM 04/19/2022	Snow M6.5 inch	Saranac Clinton	44.64N 73.74W NY CoCoRaHS
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24-hour snowfall.

i. Snow/Ice Damage

1022 AM 04/19/2022	Snow/Ice Dmg M9.5 inch	4 ESE Peru Clinton	44.56N 73.45W NY CoCoRaHS
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Trees, power lines and power poles
are down due to the heavy wet snow.

j. Ice Jam Flooding

1100 AM 02/23/2022	Ice Jam Flooding	3 WSW Woodstock Windsor	43.61N 72.56W VT Fire Dept/Rescue
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Bridges and Fletcher Hill roads closed due to high water from an ice jam on the Ottauquechee River at the Lincoln Covered Bridge.

k. Freezing Rain

1130 PM	Freezing Rain	Lisbon	44.73N	75.32W
02/22/2022	M0.22 inch	St. Lawrence	NY	Public

l. Snow Squall

0253 PM	Snow Squall	Plattsburgh Intl Arpt	44.65N	73.47W
02/27/2022		Clinton	NY	ASOS

Heavy snow with one quarter mile visibility and winds gusting to 32 knots.

m. Dust Storm

0632 PM	Dust Storm	Herndon	39.91N	100.79W
07/14/2022	E0.0 mile	Rawlins	KS	Fire Dept/Rescue

Near zero visibility in blowing dust. Could not see mailbox.

n. Blowing Dust

0248 PM	Blowing Dust	7 S Sacaton	32.98N	111.73W
06/29/2022	M0.5 mile	Pinal	AZ	Trained Spotter

1/2 mile visibility in blowing dust.

o. Extreme Heat

0209 PM	Extreme Heat	8 NNW Stratton	40.26N	101.28W
07/14/2022	M106 F	Hitchcock	NE	Mesonet

Mesonet station DW2911 8 N Stratton. T/TD: 106/54.

3. Preliminary Local Storm Report (Summary Statement -- various events, various sources)

Example 1 - Severe Thunderstorm & Tornado Reports:

NWUS53 KOAX 281401
LSROAX

Preliminary Local Storm Report...Summary
National Weather Service Omaha/Valley, NE
901 AM CDT Mon May 28 2012

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		

0457 PM	Hail	5 S Winside	42.11N 97.17W
05/27/2012	E1.75 inch	Wayne	NE Co-op Observer

0500 PM	Hail	1 S Elgin	41.97N 98.08W
05/27/2012	E1.00 inch	Antelope	NE Trained Spotter

A funnel cloud was reported with this storm.

0505 PM	Hail	Elgin	41.98N 98.08W
05/27/2012	E1.00 inch	Antelope	NE Co-op Observer

0506 PM	Tornado	8 SE Elgin	41.90N 97.97W
05/27/2012		Boone	NE Law Enforcement

The tornado was 6 miles east and 5 miles south of Elgin

0512 PM	Hail	Elgin	41.98N 98.08W
05/27/2012	E2.50 inch	Antelope	NE Co-op Observer

Windows were broken out of cars and buildings. A large tree was down on road 4 miles SE of Elgin.

0525 PM	Hail	Oakdale	42.07N 97.97W
05/27/2012	E2.50 inch	Antelope	NE Emergency Mngr

Most of the hail was golf ball size, but some was tennis ball size. Siding was stripped of homes. Glass was broken out of cars and buildings.

0537 PM	Hail	Pierce	42.20N 97.53W
05/27/2012	M1.75 inch	Pierce	NE Co-op Observer

0557 PM	Hail	5 W Randolph	42.38N 97.46W
05/27/2012	E2.75 inch	Pierce	NE Law Enforcement

0605 PM	Tornado	7 NW Newman Grove	41.82N 97.87W
05/27/2012		Boone	NE Public

0630 PM	Tornado	2 SW Battle Creek	41.98N 97.63W
05/27/2012		Madison	NE Fire Dept/Rescue

0639 PM	Hail	Albion	41.69N 98.00W
05/27/2012	E0.75 inch	Boone	NE Law Enforcement
0652 PM	Hail	David City	41.25N 97.13W
05/27/2012	E1.75 inch	Butler	NE Emergency Mngr
Hail was up to golfball size but mostly ping pong ball size and smaller.			
0725 PM	Hail	2 ESE Seward	40.90N 97.06W
05/27/2012	E1.25 inch	Seward	NE Trained Spotter
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Example 2: Flood & Flash Flooding Reports

0542 PM	Flood	1 E Elgin	41.98N 98.06W
05/27/2012		Antelope	NE Emergency Mngr
Water was over a rural road, washing over a bridge.			
0857 PM	Flash Flood	4 NW Wayne	42.28N 97.07W
05/27/2012		Wayne	NE Trained Spotter
Water from flooded corn fields flowed over roads.			
0922 PM	Flash Flood	Stanton	41.95N 97.22W
05/27/2012		Stanton	NE Law Enforcement
Street flooding occurred in Stanton.			
0922 PM	Flash Flood	Pilger	42.01N 97.05W
05/27/2012		Stanton	NE Law Enforcement
Street flooding occurred in Pilger.			
0946 PM	Flash Flood	Columbus	41.43N 97.36W
05/27/2012		Platte	NE Trained Spotter
Water was over road near carriage house estates. Water was 8 to 12 inches deep.			
1001 PM	Flash Flood	1 N Columbus	41.45N 97.36W
05/27/2012		Platte	NE Trained Spotter
Water was 2 to 3 feet deep in parts of North Columbus. Three cars stalled.			

